

- DRAWING NOTES:**
- 1 REMOVE EXISTING JS4
  - 2 EXISTING LIGHT; CONNECT TO MAIN FLOOR PANEL.
  - 3 PROVIDE SEPARATE DOORBELL FOR EACH SUITE.
  - 4 RELOCATE TELEPHONE DEMARCATION TO THIS LOCATION (ONE SUITE ONLY).
  - 5 SEE MECHANICAL DRAWINGS FOR EXACT LOCATION.
  - 6 INTERCONNECT ALL SMOKE ALARMS IN EACH SUITE.

- GENERAL NOTES:**
1. REMOVE EXISTING ELECTRICAL AS REQUIRED IN MAIN FLOOR SUITES
  2. SUITE SHOWN IS TYPICAL FOR BOTH MAIN FLOOR SUITES
  3. PROVIDE ARC FAULT PROTECTION TO RECEPTACLES WHERE REQUIRED BY THE CANADIAN ELECTRICAL CODE.
  4. FOR EACH TV/TELEPHONE JACK, RUN TWO CAT5 CABLES AND ONE RG6 CABLE TO TELEPHONE DEMARCATION POINT.

SEALED BY:  
**APEGM**  
 Certificate of Authorization  
 Jorey Electric Ltd.  
 No. 4600 Date: 13 JUN 2016



SYMBOL SCHEDULE	
	DUPLEX RECEPTACLE "GF" DENOTES GFI RECEPTACLE
	HALF-SWITCHED DUPLEX RECEPTACLE
	240V RECEPTACLE "R" DENOTES RANGE RECEPTACLE "D" DENOTES DRYER RECEPTACLE
	SINGLE GANG SWITCH "3" DENOTES 3-WAY
	TWO GANG SWITCH
	THREE GANG SWITCH
	THERMOSTAT
	TV/TELEPHONE JACK
	SMOKE/CO ALARM
	ELECTRICAL CONNECTION

PROJECT TITLE  
**DUPLEX CONVERSION PROJECT**

SHEET TITLE  
**MAIN FLOOR PLAN**

DATE  
 7 MAR 2016 AS SHOWN

SCALE  
 AS SHOWN

DRAWN BY  
 JJD

CHECKED BY  
 JJD

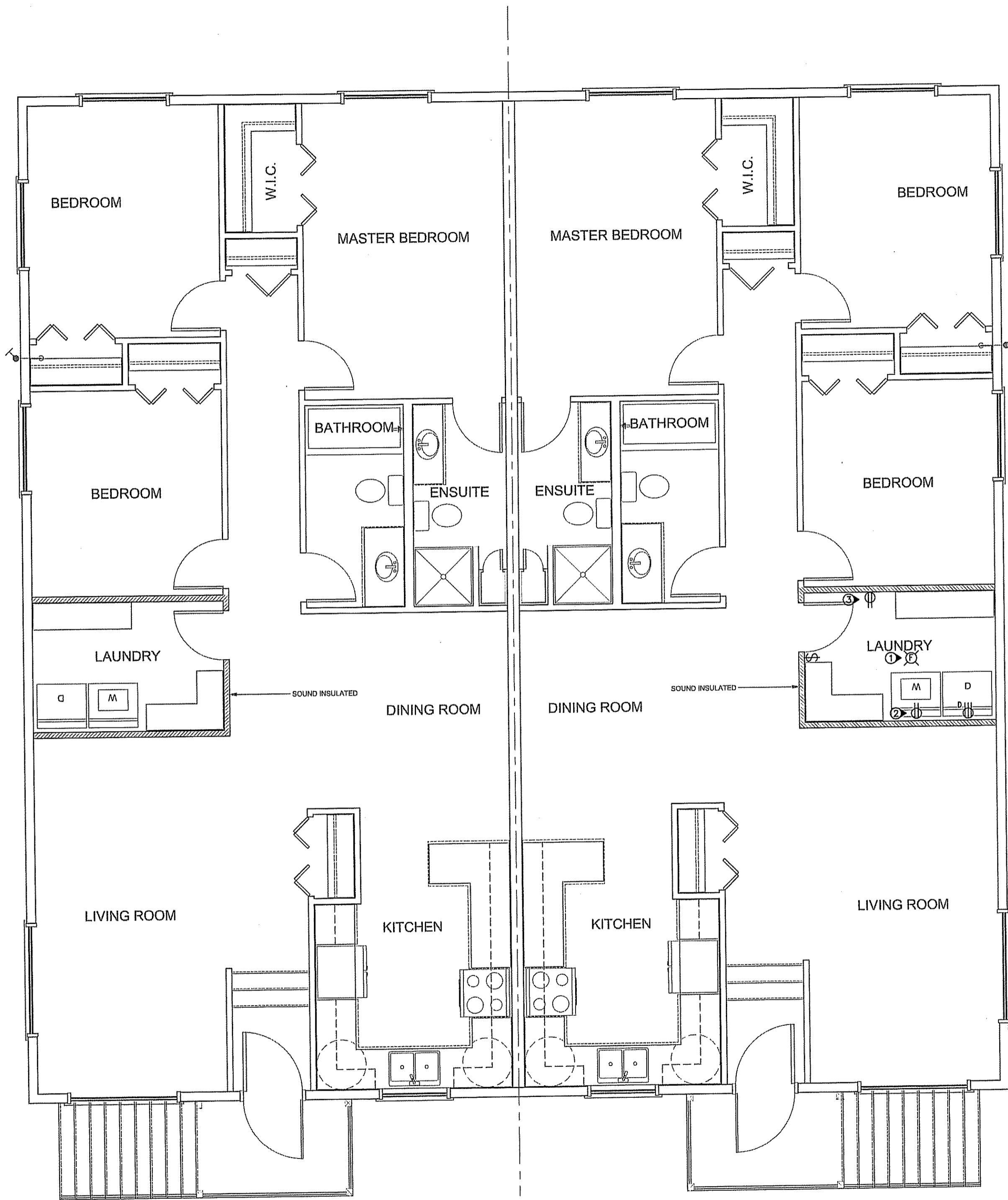
LOCATION  
 NORWAY HOUSE, MANITOBA, CANADA

1 MAIN FLOOR PLAN  
 E-1 1/4" = 1' - 0"

**E-1**

REVISION #: 01  
 JOB NO. 16-029

REV. #	REVISION	DATE	REV. BY
01	RE-ISSUED FOR TENDER	13 JUN 2016	JJD
00	ISSUED FOR TENDER	7 MAR 2016	JJD



- DRAWING NOTES:**
- ① REMOVE EXISTING LIGHT AND SWITCH; CONNECT NEW LIGHT AND SWITCH AS SHOWN.
  - ② RELOCATE WASHER AND DRYER RECEPTACLES FROM MAIN FLOOR.
  - ③ CONNECT RECEPTACLE TO UNUSED CIRCUIT IN PANEL A.

- GENERAL NOTES:**
- 1. LAUNDRY ROOM SHOWN IS TYPICAL FOR BOTH 2ND FLOOR SUITES
  - 2. CHANGE ALL EXISTING SMOKE ALARMS IN BOTH 2ND FLOOR SUITES TO SMOKE/CO ALARMS. ENSURE SMOKE ALARMS IN 2ND FLOOR SUITES ARE INTERCONNECTED.

SEALED BY:

**APEGM**  
 Certificate of Authorization  
 Jorey Electric Ltd.  
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PROJECT TITLE  
**DUPLEX CONVERSION PROJECT**

SHEET TITLE  
**2ND FLOOR PLAN**

DATE  
 7 MAR 2016 AS SHOWN

SCALE  
 AS SHOWN

DRAWN BY  
 JJD

CHECKED BY  
 JJD

LOCATION  
 NORWAY HOUSE, MANITOBA, CANADA

**E-2**

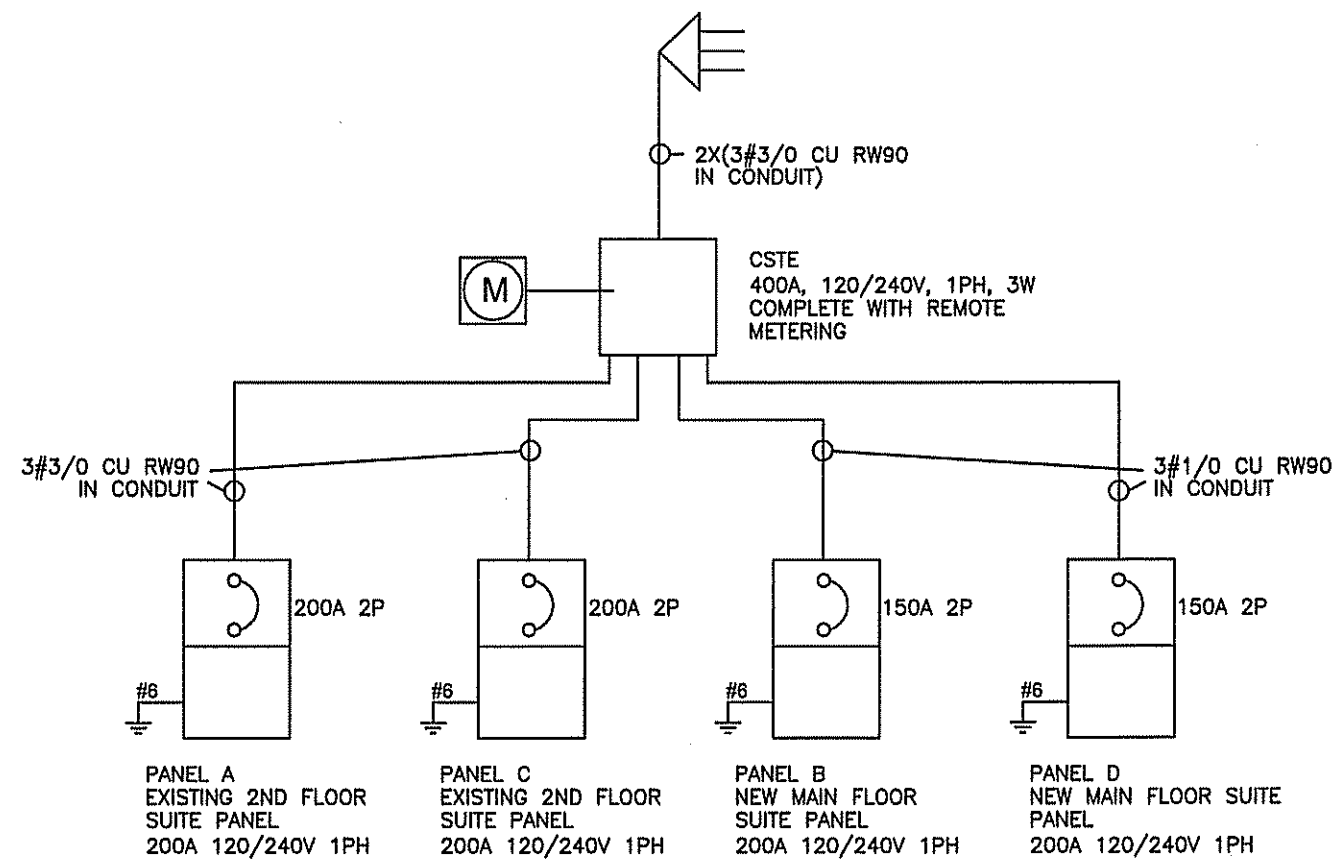
REVISION #: 01

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**16-029**

① 2ND FLOOR PLAN  
 E-2 1/4" = 1' - 0"

REV. #	REVISION	DATE	REV. BY
01	RE-ISSUED FOR TENDER	13 JUN 2016	JJD
00	ISSUED FOR TENDER	7 MAR 2016	JJD

**SINGLE LINE DIAGRAM**



NOTE:  
SERVICE IS SUBJECT TO  
MANITOBA HYDRO APPROVAL

**LIGHTING SCHEDULE**

TYPE	DESCRIPTION
A	FLUSH MOUNT CEILING LIGHT
B	FLUSH MOUNT CEILING LIGHT
C	VANITY LIGHT WALL MOUNTED AT 80" A.F.F.
D	SEMI-FLUSH MOUNT CEILING LIGHT
E	FLUSH MOUNT CEILING LIGHT
F	LAMP HOLDER

**TYPICAL PANEL B & D  
200A, 120/240V, 1PH, 3W**

CCT #	DESCRIPTION	BREAKER SIZE	WIRE SIZE	CCT #	DESCRIPTION	BREAKER SIZE	WIRE SIZE
1	DUCT HEATER DH-2	15A	#14	21	DRYER RECEPTACLE	30A	#10
2			#14	22			#10
3	HOT WATER TANK	30A	#10	23	BEDROOM RECEPTACLES	15A	#14
4			#10	24	RECEPTACLES	15A	#14
5	HRV-2	15A	#14	25	LIGHTS	15A	#14
6	DUCT HEATER DH-1	15A	#14	26	LIGHTS/SMOKES	15A	#14
7			#14	27	BEDROOM BASEBOARD HEATER	15A	#14
8				28			#14
9	BATHROOM RECEPTACLE	15A	#14	29	MASTER BEDROOM BASEBOARD HEATERS	20A	#12
10	SUMP PUMP RECEPTACLE	15A	#14	30			#12
11	DINING ROOM RECEPTACLE	15A	#14	31	CLOSET, FOYER & DINING ROOM BASEBOARD HEATERS	15A	#14
12	FRIDGE RECEPTACLE	15A	#14	32			#14
13	RANGE RECEPTACLE	40A	#8	33	KITCHEN KICKSPACE & LAUNDRY ROOM BASEBOARD HEATERS	20A	#12
14			#8	34			#12
15	RANGE HOOD / MICROWAVE RECEPTACLE	15A	#14	35			
16	COUNTER RECEPTACLES	20A	#12	36			
17	COUNTER RECEPTACLES	20A	#12	37			
18	COUNTER RECEPTACLES	20A	#12	38			
19	LAUNDRY ROOM RECEPTACLE	15A	#14	39			
20	WASHER RECEPTACLE	15A	#14	40			

**EQUIPMENT SCHEDULE**

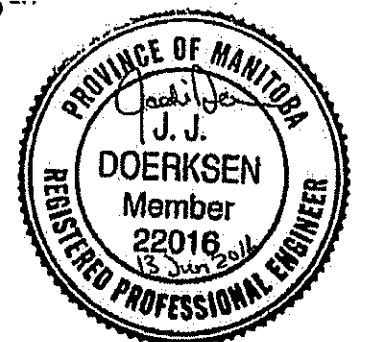
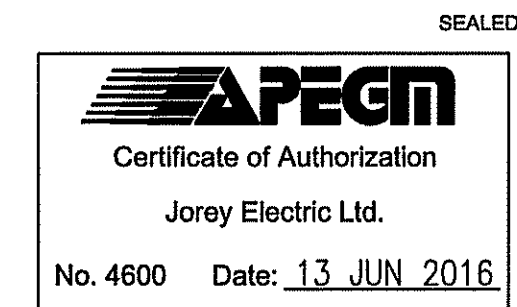
NUMBER	DESCRIPTION	KW/HP/A	VOLTS/PH	BREAKER	CONDUCTOR	LOCATION	NOTES
F-1	EXISTING 2ND FLOOR FURNACE	20kW	240V			MAIN LAUNDRY	
F-2	MAIN FLOOR FURNACE	10kW	240V	60A/2P	2#6 RW90	MAIN LAUNDRY	
HWT-1	EXISTING 2ND FLOOR HOT WATER TANK	4500W	240V				RELOCATE
HWT-2	MAIN FLOOR HOT WATER TANK	4500W	240V	30A/2P	2#10 RW90	MAIN LAUNDRY	
HRV-1	EXISTING 2ND FLOOR HRV	1.4A	120V				RELOCATE
HRV-2	MAIN FLOOR HRV	0.85A	120V	15A/1P	2#14 RW90	MAIN STORAGE	
DH-1	MAIN FLOOR DUCT HEATER	2kW	240V	15A/2P	2#14 RW90	ENTRY	
DH-2	MAIN FLOOR DUCT HEATER	1.5kW	240V	15A/2P	2#14 RW90	STORAGE	
RH-1	RANGE HOOD / MICROWAVE		120V	15A/1P	2#14 RW90	KITCHEN	
	EXISTING LIFT STATION CONTROLS	29.22A	120V			MAIN LAUNDRY	RELOCATE

NOTE:  
MATCH BREAKER AND WIRE SIZES TO ACTUAL NAMEPLATE RATINGS OF EQUIPMENT.  
PROVIDE OVERLOAD PROTECTION AND LOCAL DISCONNECTS TO CODE.  
SEE MECHANICAL FOR CONTROL WIRING.

**HEATING SCHEDULE**

TYPE	DESCRIPTION	KW	VOLTS/PH
BB-1	OUELLET OFM0750 BASEBOARD HEATER C/W OTL101C WALL STAT	0.75	240V/1PH
BB-2	OUELLET OFM1000 BASEBOARD HEATER C/W OTL101C WALL STAT	1	240V/1PH
BB-3	OUELLET OFM1500 BASEBOARD HEATER C/W OTL101C WALL STAT	1.5	240V/1PH
BB-4	OUELLET OCP1000 KICKSPACE HEATER C/W OTL101C WALL STAT	1	240V/1PH

NOTE: SEE MECHANICAL DRAWINGS FOR THERMOSTAT CONTROL CONFIGURATION.



PROJECT TITLE  
**DUPLEX CONVERSION PROJECT**  
 SHEET TITLE  
**SINGLE LINE & SCHEDULES**  
 DATE  
 7 MAR 2016 AS SHOWN  
 SCALE  
 AS SHOWN  
 CHECKED BY  
 JJD  
 DRAWN BY  
 JJD  
 LOCATION  
 NORWAY HOUSE, MANITOBA, CANADA

E-3

REVISION #: 01

JOB NO.  
**16-029**

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